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<b>TRANSMITTAL LETTER TO THE UNITED STATES</b> <b>DESIGNATED/ELECTED OFFICE (DO/EO/US)</b> <b>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> 03045PCT
<b>INTERNATIONAL APPLICATION NO.</b> PCT/JP2004/004332		<b>U.S. APPLICATION NO.</b> (If known, see 37 CFR 1.5) 10/549243
<b>INTERNATIONAL FILING DATE</b> 26 March 2004		<b>PRIORITY DATE</b> 7 April 2003
<b>TITLE OF INVENTION</b> ADDITIVE FOR OPTICAL RESINS, AND OPTICAL RESIN COMPOSITION		
<b>APPLICANT(S) FOR DO/EO/US</b> SASAKI, Yoshikuni; ANDO, Nobuyuki; HIRAUCHI, Tatsushi; IKEDA, Hayato; KURAMOTO, Shigefumi		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> <div style="text-align: right; margin-right: 50px;"><i>Application was filed + published in English. RJS</i></div> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> </ol>		
<b>Items 11 to 20 below concern document(s) or information</b>		
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. <i>→ Please see Declaration. RJS.</i></li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li>18. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> </ol>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JC17 Rec'd PCT/PTO 12 SEP 2005

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. <b>10/549243</b>		INTERNATIONAL APPLICATION NO. PCT/JP2004/004332		ATTORNEY'S DOCKET NUMBER 03045PCT	
20. <input checked="" type="checkbox"/> Other items or information: 1) Copy of the First Notice Informing The Applicant Of The Communication Of The International Application; 2) Copy of the Second And Supplementary Notice Informing The Applicant Of The Communication Of The International Application; and 3) Copy of Notification Of Receipt Of Record Copy.					
The following fees are submitted:				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))				\$ \$300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200				\$ \$200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500				\$ \$500.00	
TOTAL OF 21, 22 and 23 =				\$ \$1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
38 - 100 =	0 /50 =	0	x \$250.00	\$ \$0.00	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	2 - 20 =	0	x \$50.00	\$ \$0.00	
Independent	1 - 3 =	0	x \$200.00	\$ \$0.00	
Multiple Dependent Claims (if applicable) <input type="checkbox"/>			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ \$1,000.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$ \$0.00	
SUBTOTAL =				\$ \$1,000.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$
TOTAL NATIONAL FEE =				\$ \$1,000.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per				+	\$ \$40.00
TOTAL FEES ENCLOSED =				\$ \$1,040.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$

10/549243

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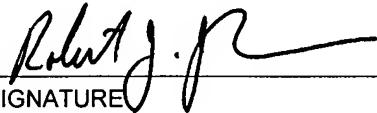
JCT17 Rec'd PCI/PTO 12 SEP 2005

- a. ☐ A check in the amount of \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account 50-3288 in the amount of \$1,040.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 50-3288. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Robert J. Jacobson, P.A.  
650 Brimhall Street South  
St. Paul, MN 55116-1511

  
SIGNATURE

Robert J. Jacobson  
NAME

32,419  
REGISTRATION NUMBER

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/549243

In re application of: Nippon Shokubai Co., Ltd.

Serial No.: OF EVEN DATE

Filed: September 12, 2005

For: Additive for optical resins, and optical resin composition

JC17 Rec'd PCT/PTO 12 SEP 2005

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING VIA EXPRESS MAIL

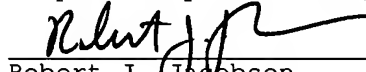
Sir:

I hereby certify that the attached patent application (or national stage documents) consisting of the following papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on September 12, 2005 and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, under Express Mail Post Office to Addressee Label No. ED-561-123-231-US:

- 1) This Certificate Of Mailing Via Express Mail dated 09/12/2005 (one page);
- 2) Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Submission Under 35 U.S.C. 371 dated 09/12/2005 (three pages plus duplicate);
- 3) Application Data Sheet (four pages);
- 4) A copy of the International Application as filed consisting of: a) Description (pages 1-36); Claims (page 37); and Abstract (page 38).
- 5) Copy of the First Notice Informing The Applicant Of The Communication Of The International Application (one page);
- 6) Copy of the Second And Supplementary Notice Informing The Applicant Of The Communication Of The International Application (one page);
- 7) Copy of Notification Of Receipt Of Record Copy (two pages);
- 8) A second copy of WO 2004/090040 A1 including the International Search Report in English, i.e., the International Publication Document for which this case is the national phase entry, for purposes of 35 U.S.C. 154(d)(4) (where the first copy was submitted by the International Bureau);
- 9) Declaration For Utility Or Design Patent Application having Power of Attorney (three pages);
- 10) Assignment documents consisting of a) Recordation Form Cover Sheet dated 09/12/05 (one page plus duplicate); and b) Assignment of Invention (two pages);
- 11) Information Disclosure Statement dated 09/12/05 (two pages) having PTO-1449 form (one sheet) and nine references noted on PTO-1440 form with an English abstract for each of the references; and
- 12) Postcard Receipt.

Date: 9-12-05

Respectfully submitted,



Robert J. Jacobson,

Reg. No. 32,419

650 Brimhall Street South

St. Paul, MN 55116-1511

Tel. No.: (651) 699-7900

Fax. No.: (651) 699-7901